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STATE DOCUMENTS

JAN 23 1973

ANNUAL REPORT
OF THE
DEPARTMENT OF AGRICULTURE



TO THE
GOVERNOR OF MONTANA
HONORABLE FORREST H. ANDERSON

FOR THE
FISCAL YEAR ENDED
JUNE 30, 1972

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STATE OF MONTANA
DEPARTMENT OF AGRICULTURE

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GEORGE LACKMAN
COMMISSIONER
CAPITOL AGENCY BUILDING

HELENA, MONTANA 59601

October 31, 1972

The Honorable Forrest H. Anderson
Governor of the State of Montana
State Capitol Building
Helena, Montana

Dear Governor Anderson:

In accordance with the requirement of Section 82-4002, R.C.M. 1947, there is herewith transmitted to you the annual report of the Department of Agriculture for the fiscal year ended June 30, 1972.

Major accomplishments during the year include:

- Departmental facilities and functional reorganization within the concept of Executive Reorganization and administrative efficiency.
- Established a system to implement and administer requirements of the Montana Pesticides Act of 1971.
- Worked for the establishment of the Pacific International Trade Council, a regional entity for foreign market development.
- Initiated a program to broaden the scope for utilization of Rural Rehabilitation funds.

Respectfully submitted,

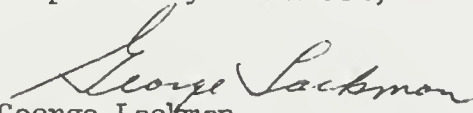

George Lackman
Commissioner

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DEPARTMENT OF AGRICULTURE
PRINCIPAL ADMINISTRATIVE OFFICERS

GEORGE LACKMAN	COMMISSIONER OF AGRICULTURE
CHARLES R. MEYER, Administrator	CENTRALIZED SERVICES
ELDON R. FASTRUP	MARKETING & STATISTICAL UNIT COORDINATOR
WILLARD KISSINGER, Administrator	APIARIST DIVISION
ROY BJORNSON, Administrator	HORTICULTURE DIVISION
GARY GINGERY, Administrator	PESTICIDES DIVISION
BURTON E. GINTHER, Administrator	FEED & FERTILIZER DIVISION
GEORGE F. ANGERMEIER, Administrator	GRAIN DIVISION
ROBERT BRASTRUP, Administrator	WHEAT RESEARCH & MARKETING DIVISION

PRINCIPAL OFFICES

STATE CAPITOL BUILDING - ANNEX	HELENA, MONTANA
MITCHELL BUILDING, Room 339	HELENA, MONTANA
MONTANA STATE UNIVERSITY, McCall Hall	BOZEMAN, MONTANA
FIRST NATIONAL BANK BUILDING & GRAIN LAB	GREAT FALLS, MONTANA

WHEAT RESEARCH & MARKETING COMMITTEE

Term

Harold C. Nelson, Chairman
704 3rd Street S.E.

8/20/67-8/20/72

Cut Bank

George Skarda
Box 1022

8/20/67-8/20/74

Denton

Norris Hanford

8/20/67-8/20/73

Fort Benton

Glenn Moore

8/20/67-8/20/75

Willard

Lloyd Mosdal

8/20/67-8/20/76

Rapelje

Jack E. Lang
20 South 4th St. E.

8/20/67-8/20/72

Malta

Roger Johnson
Star Route 237, Box S-23

8/20/71-8/20/76

Wolf Point

EX-OFFICIO MEMBERS

George Lackman, Commissioner of Agriculture
Capitol Annex Building

Helena

Dr. J. A. Asleson, Dean of Agriculture
Montana State University

Bozeman

Oliver Thorvilson, Peavey Company
Box 1528

Great Falls

LEGAL REFERENCES

The Constitution, in Section 1, Article XVIII, provides for the Department of Agriculture. This department is under the control of the Commissioner of Agriculture, who is appointed by the Governor, subject to the confirmation of the Senate, for a term of four years. The purpose of the Department of Agriculture is to encourage and promote the interests of agriculture and allied industries in Montana. The duties and powers of this department are enumerated in Section 3-107, R.C.M. 1947.

CENTRALIZED SERVICES - Centralized Services is responsible for the coordination of all the activities carried on in the department. This includes fiscal and accounting services for the entire department, and compilation and distribution of agricultural information. The administration of the Rural Rehab Trust Assets (Section 3-2801, 3-2803, R.C.M. 1947) is also a function of the Administration Program. This program is financed by General Fund appropriation.

AGRICULTURAL STATISTICS - Agricultural Statistics is a cooperative program carried on by the Montana Department of Agriculture and the U. S. Department of Agriculture. The purpose is to prepare county estimates of all crop and livestock items produced in Montana. The information is then published and distributed in bulletin form. Funding for this program is derived from General Fund appropriations and matching monies from the Federal Government.

APICULTURE - The Apiculture Division is a cooperative program between the Department of Agriculture and the Department of Education - Cooperative Extension Service as provided for in Titles 82 A-303-2 and 82 A-502-1 of the Executive Reorganization Act of 1971. The Department of Agriculture is responsible for the enforcement of the apiary laws as established in Section 82-806, subsections 1 through 4, and Section 82-807 (11), R.C.M., 1947. The law provides for the inspection for and the destruction of diseased colonies, quarantine of diseased apiaries, and registration of all apiary locations. Appropriations for the Apiculture Division are obtained from the General Fund.

COMMERCIAL FEED & FERTILIZER - This program, under the direction of the Commissioner of Agriculture, administers the Commercial Feed and Fertilizer Laws (Section 3-1701 through 3-1728 and 3-2001 through 3-2024, R.C.M. 1947). These laws provide for the registration, analyzation, and labeling of commercial feeds and fertilizers distributed in the State of Montana. The program is supported by the appropriations of fees collected for the administration of this program. The fees collected are deposited into the Earmarked Revenue Fund.

GRAIN LABORATORIES - The Grain Laboratories provide grain grading, protein testing, sedimentary value and official weighing services for the grain industry, in accordance with Chapter 2, Title 3, R.C.M. 1947. The program is carried out in two laboratories located in Great Falls and Bozeman. Mustard seed is also graded at Great Falls under the provisions of Chapter 19, Title 3, R.C.M. 1947. The program is operated on a self-supporting basis. Appropriations for operations are made from fees collected. Five percent of gross revenue is deposited into the General Fund.

HORTICULTURAL INSPECTION & QUARANTINE SERVICE - The Horticultural Inspection and Quarantine Service as established under Law 3-109.1 R.C.M. 1947. The purpose of the Horticulture program is to enforce the laws of the State of Montana relative to the grading and marketing of vegetables and nursery stock, control and destruction of insect pests, and the licensing of persons engaged in the business of selling or importing fruits, trees, plants, or nursery stock. This program is supported by appropriations from the General Fund.

MARKETING COORDINATOR - This program established by the 1969 Legislature (Section 3-116, R.C.M. 1947) created the position of Agricultural Marketing Coordinator under the supervision of the Commissioner of Agriculture. The Marketing Coordinator coordinates marketing from initial producer to consumer to reduce marketing costs by way of securing a means of more efficiently marketing products. The coordinator develops new and improved systems of marketing to stabilize and improve returns for industry and producer. This includes coordinating work with local, state and national planning groups in helping to identify major needs as well, as gathering and disseminating information concerning supply, demand, favorable marketing information, prevailing prices and changes in marketing movements, practices and rates. This program is supported by monies from General and Matching Funds.

PESTICIDE CONTROL - This division administers the Montana Pesticides Act (Title 27, Chapter 2, 27-213 to 27-245 R.C.M., 1947). This law provides for the registration of pesticides, the licensing of commercial pesticide applicators, pesticide dealers, and pesticide retailers. The program is supported by monies from the General Fund. All fees are collected and deposited into the general fund.

WHEAT RESEARCH & MARKETING - The Wheat Research and Marketing Division established under Section 3-2901, R.C.M. 1947 provides benefits to the people of the State of Montana by encouraging and promoting intensive scientific and practical research into all phases of wheat culture, production, and the development of markets for wheat grown in Montana. It is supported by Earmarked Revenue Funds.

PRINCIPAL GOALS

Provide leadership to promote the best interest of Montana's agricultural sector and the consumers of agricultural products through effective supervision and coordination of the various program functions within the Department of Agriculture.

MAJOR ACCOMPLISHMENTS

CENTRALIZED SERVICES

Established a centralized Service Division in compliance with the Executive Reorganization Act to achieve greater efficiency in fiscal and budgeting controls, licensing and bonding requirements and supply procurement.

MONTANA PESTICIDES ACT, 1971

Established a division to implement and administer the requirements of the Montana Pesticides Act of 1971. The system effectively registers pesticide sold in Montana and licenses applicators, dealers and retailers to regulate the use and sale of pesticides for the benefit of all.

FOREIGN TRADE DEVELOPMENT

Established the Pacific Northwest International Trade Council in association with Idaho, Oregon, and Washington. Formation of a regional entity will assure increased foreign market development assistance from Federal sources for mutual benefit of individual members.

DIVISIONAL REORGANIZATION

Consolidated office facilities of Horticulture (office relocated from Missoula to Helena); Apiculture (office relocated from Bozeman to Helena), and Pesticide Divisions. Reorganized field operations and reassigned field personnel within the Horticulture and Apiculture Divisions. The concept of Executive Reorganization and department administrative efficiency have resulted from this action.

GRAIN TRANSPORTATION COSTS

Coordinated efforts of various interests within the State in working with major rail carriers in implementing reduced rates from Montana to midwest markets. Formally represented Montana interests before the Interstate Commerce Commission in opposition to a request for suspension of the reduced rates.

EXPANDED UTILIZATION OF RURAL REHABILITATION FUNDS

Initiated a Junior Livestock and Feeder Program to aid farm youth organizations in financing agricultural production projects through low interest loans. This new project is in addition to the continuing rural development program of using Rural Rehabilitation funds for family farm loans.

PROGRAM - CENTRALIZED SERVICES (ADMINISTRATION)

Goal:

Provide an effective system to permit clear assignment of intra-divisional authority and accountability for effective discharge of assigned responsibility.

Objectives:

Provide overall supervision to insure all departmental programs are efficiently processed and control is maintained over program functions.

Provide effective departmental fiscal and budget controls.

Develop a strong and active departmental communications program.

Continue regulatory procedures which will assign and schedule a personnel reporting system for effective administration of the grain and seed trade.

Achievements:

Established a better system for delivery of services and departmental administration through implementation of a centralized services structure as set forth in Executive Reorganization.

Obtained maximum benefits in improved efficiency and greater responsiveness in providing services to the agricultural sector and the consumers of Montana.

Performance Indicators:

<u>Factor</u>	<u>FY 1971-72</u>	<u>FY 1970-71</u>	<u>FY 1969-70</u>
Administration Services	1619	630	*
Rural Rehab (notes purchased)	13	*	*
Seed Lots Inspected	398	462	411
Lots found in Violation	12	12	35
Grain Elevators Inspected ¹	1244	330	*
Grain Truckers Inspected ¹	215	52	*
Grain Licenses Issued	365	422	425
Grain Dealer/Track Buyers Licensed	9	*	*
Grain Dealer/Truckers Licensed	116	*	*
Grain Dealer/Agri. Seed Buyers Licensed	2	*	*
Mustard Seed Contractors Licensed	2	*	*
Grain Reports Processed	2089	1820	2202
Gross Annual Value - Commercial Feed Reports	340	*	*
Commercial Feed Registrations	1789	1537	1614
Medicated Feed Inspections	8	10	*

¹Elevators and grain dealer/truckers are inspected more than once a year.

*Figures not available

PROGRAM - AGRICULTURAL STATISTICS

Goal:

To collect, prepare and publish agricultural statistics by county for Montana and to assist in the collection and preparation of selected agricultural statistics and special statistics on a State-wide basis. Data are collected in conjunction with United States Department of Agriculture surveys and/or special surveys through the cooperative agreement between the Montana Department of Agriculture and the Statistical Reporting Service, USDA.

Objectives:

Vigorously pursue a program of improvement in agricultural statistics, using new sampling procedures and the latest data processing techniques.

Investigate needs for new types of agricultural statistics for Montana on a State or county basis.

Achievements:

Collection of data and preparation of statistics for the next biennial issue of MONTANA AGRICULTURAL STATISTICS, Volume XIV, to be published in December, 1972. These include county statistics developed under the cooperative program, along with statistics from regular USDA sources and statistics available through special Matched Funds projects. This publication on a biennial basis pulls together in one volume, the most required and used data on Montana agriculture in easy to use reference.

A publication, SELECTED FARM AND RANCH CHARACTERISTIC DATA FROM THE 1969 CENSUS OF AGRICULTURE. This publication provides in an easy, usable form, the most common requests for Census statistics on farm characteristics.

A publication CATTLE ON FEED BY COUNTIES as of January 1, 1972. Montana's cattle feeding industry is growing rapidly and this publication answers numerous requests for more localized data on cattle feeding.

A publication, MONTANA WHEAT MOVEMENT, JULY - DECEMBER 1971. The data for this publication was developed through a Matched Fund project in part supported by the Montana Wheat Commission. It provides much asked for and used data on the mode and direction of wheat shipped out of Montana.

A quarterly publication, STOCKS OF GRAIN in commercial elevators and on farms. The commercial storage is developed from reports to

the Montana Department of Agriculture in connection with elevator bonding requirements. Farm stocks are developed from regular USDA surveys. Beginning with Fiscal Year 1971-1972, stocks of wheat in Montana storages, both commercial and farm, were broken down by major class through funds provided by a Federal Matched Fund program. These stocks by class, unique to Montana and other northwest states, provide the Montana Wheat Commission and Western Wheat Associates with needed information.

Performance Indicators:

	<u>FY 1971-72</u>	<u>FY 1970-71</u>	<u>FY 1969-70</u>
Cost:	\$33,845	\$26,292	\$27,135

Factor

Publications (copies)

Regular Series	192,406*	238,010	253,801
Special Series	20,148**	8,356	9,466
Montana Agricultural Statistics	0	3,500***	0

* Reflects modified Federal release policy.

** Reflects adjustment to meet needs for specialized statistics.

*** Biennial Publication.

PROGRAM - APICULTURE

Goal:

To achieve and maintain a prosperous and thriving beekeeping industry.

Objectives:

To prevent the spread of disease in bee colonies by inspection, quarantine, and registration of apiary locations.

To prevent the overcrowding of bee pastures by registration of apiary locations.

Providing information concerning disease controls and good management practices.

Cooperate with other states in the interstate movement of hives.

Achievements:

Supervised the registration of bee colonies and allotting territory on the basis of industry approved regulations.

Prevented through inspection, isolation and education the spread of disease among bee colonies.

Advised present and prospective beekeepers in their problems.

Cooperated with other states in the inspection of bees in interstate shipment to prevent the spread of disease.

Performance Indicators:

<u>Factor</u>	<u>***FY 1971-72</u>	<u>FY 1970-71</u>	<u>FY 1969-70</u>
Bee Colonies Registered	72,465	73,520	71,091
Beekeepers	142	130	129
Apiaries	3,138	3,117	*
Colonies Inspected for Import	7,535	5,888	**
Colonies Inspected for Export	6,360	4,690	**
Percent of Colonies Diseased	1%	.5%	2.5%

* Figures unavailable

** Total of 12,000 colonies inspected

*** Program assigned to Department of Agriculture by Executive Reorganization

PROGRAM - COMMERCIAL FEED AND FERTILIZER

Goal:

Provide control over commercial feed and commercial fertilizer, to assure consumers that quality products are offered for sale.

Objectives:

Provide inspection services of feed and fertilizer plants to limit the possibility of cross contamination.

Develop a more systematic inspection service of Medicated Feeds in cooperation with the Food and Drug Administration.

Continue chemical analysis in the random sampling of feed and fertilizer products to insure labeling claims are met.

Achievement:

Made improvements in laboratory services and facilities to analyze nearly all essential nutritional elements.

Performance Indicators:

<u>Factor</u>	<u>FY 1972-71</u>	<u>FY 1971-70</u>	<u>FY 1970-69</u>
Number of feed samples	441	536	635
No. of analyses run on feed samples	3137	4858	7490 ¹
No. of analyses run on fertilizer samples	1845	1857	--
No. of fertilizer samples	530	537	575

¹In 1969-70 the large number includes both feed and fertilizer analyses.

PROGRAM - GRAIN SERVICES

Goal:

Provide official, unbiased services of grain grading and protein testing, for the grain growers and dealers to determine market value and settlement price between producer and seller.

Objectives:

To provide technical assistance to grain trade.

To provide official weighing service for carloads of grain to insure accurate weights.

Provide data for quality of Montana grains and assist in the development of markets for grain.

Achievements:

The Grain Laboratory was given two certificates of excellence by the American Association of Cereal Chemists, Pacific Northwest Section. One certificate was for the most accurate protein tests and the other for the most accurate moisture tests on the collaborative samples sent out by the section for the year 1970-1971.

The first diverter-type mechanical sampling equipment to meet U.S.D.A. requirements was licensed at Dutton, by the U.S.D.A. in cooperation with the Grain Laboratory.

Performance Indicators:

<u>Factor</u>	<u>FY 1971-72</u>	<u>FY 1970-71</u>	<u>FY 1969-70</u>
Car Inspections	5,852	20,769	20,500
Sample Submitted - Inspections	8,752	11,255	11,000
Protein Tests - Carloads	5,769	16,363	17,759
Protein Tests - Submitted Samples	26,574	19,365	24,700
Malting Barley Analysis	1,700	4,928	2,500
Sedimentation Tests	**	46	61
Carloads Weighed	5,266	9,957	9,000
Submitted Samples -			
Inspections - Mustard	847	*	*
Submitted Car			
Sample Inspections (1)	8,700	*	*

(1) Submitted car sample inspections samples at origin by shipper and sent to laboratory in a color coded sample bag which receives prompt service to prevent demurrage charges.

* Figures included in last year's Box Car Samples Inspections.
** Program was discontinued.

PROGRAM - HORTICULTURE

Goal:

Establish an effective, efficient method to serve consumers, buyers, and sellers of produce, nursery stock and dry beans.

Objectives:

Continue to streamline regulatory inspection procedures for produce, nursery stock and dry beans.

Continue to realign administrative and personnel policies to meet consumer demands for quality products.

Assist in implementing an accounting system with the central office.

Assist in implementing multiple inspection duties with other programs to improve efficiency of the agency.

Implement training programs and staff meetings to establish field inspector expertise necessary to serve the trade.

Continue to assist U.S.D.A. and other Federal agencies in the marketing of agricultural products.

Achievements:

Horticulture Division office relocated from Missoula, Montana to Helena, Montana effective December 1, 1971.

Consolidated inspection districts eliminating costly field inspection duplications.

Established the use of part-time employees for inspection of commodities such as potatoes and cherries.

Moved district office in Butte to a more adequate and efficient location.

Implemented a new filing system in order to replace antiquated system used previously.

Performance Indicators:

<u>Factor</u>	<u>FY 1971-72</u>	<u>FY 1970-71</u>	<u>FY 1969-70</u>
Inspection Certificates Issued Federal-State	2539	2331	1803

	<u>FY 1971-72</u>	<u>FY 1970-71</u>	<u>FY 1969-70</u>
Inspection Certificates Issued			
State	1388	927	760
Condition	80	93	192
Condemnation	11	4	9
Beans, dry	<u>41</u>	<u>91</u>	<u>45</u>
Total	4059	3446	2809
Inspection Summary (Inspection at:)			
Post Office	738	861	973
Stores	5370	6590	8009
Farms	1188	1881	1440
Express	13	43	126
Trucks	2677	3675	5199
Freight	<u>485</u>	<u>605</u>	<u>401</u>
Total	10471	13655	16148
Nursery Stock Inspected	433,864*	1,481,751	523,284
Nursery Stock Condemned or Destroyed	2,369	689	1,440
Fruit and Vegetable Inspected (packages)			
Imported	2,711,748	2,650,693	2,698,316
Home Grown	1,093,400	1,243,873	924,101
Licenses Issued			
Nursery	386	**	**
Wholesale	56	**	**
Itinerant Merchant	8	**	**
Bean Dealers	6		

* approximate

** information not compiled in this form

PROGRAM - MARKETING AND STATISTICAL UNIT COORDINATOR

Goal:

To identify problems and needs within the marketing system for Montana agricultural products and the development of methods to resolve these problems and needs. Thereby, achieving a more efficient marketing structure and reduced marketing costs, resulting in improved economic returns to the agricultural sector.

Objectives:

To establish programs for reducing marketing costs, developing new markets and products, disseminating effective marketing information, implementation of marketing research projects, and maintenance of a pertinent statistical data base.

To coordinate individual efforts (in terms of project design, funding, and technical capabilities) of community groups, producer groups, state agencies, Federal agencies, and other interested persons. This coordination to maximize results attained, reduce redundancy and provide for projects which cannot be accomplished on an individual basis.

Accomplishment of these objectives has been facilitated due to the new operational structure resulting from Executive Reorganization.

Achievements:

Provided information to the major rail carriers relating to mode and direction of "Montana Grain Movement" to assist them in developing and establishing reduced rates for grain moving east from Montana by rail.

Formal presentation before the Interstate Commerce Commission representing the Department and Montana Grain Producers in opposition to a request by midwest interests for the suspension of the reduced eastbound rates.

Appeared before the U. S. House of Representatives Special Subcommittee on Investigations and presented testimony representing the State of Montana relating to the "Freight Car Shortage" problem.

Prepared and presented information, both on a regional basis through the Inter-industry Agricultural Expert Evaluation Committee and independently, to all interests in an effort to expedite a solution to the Pacific Port tie-up and resumption of Montana wheat exports.

Assisted Montana State University Extension personnel in the planning, development and implementation of a Wheat Market News pilot project. The purpose of this pilot project is to establish the feasibility of developing an effective price quote system specifically for Montana wheat growers.

Represented Montana in association with Idaho, Oregon and Washington in forming the Pacific Northwest International Trade Council. It is to the mutual interest of each of the states to form a regional entity, thereby becoming eligible for greater foreign market development assistance from various Federal sources. The Council's first project will be the "Tokyo Food Fair" in April, 1973 and will enable Montana food processors to exhibit at the international level, utilizing excellent facilities at minimum costs.

Applied for and received matching funds from the U. S. Department of Agriculture to finance the following projects:

1. Cherry Tree Survey
2. Varieties of Wheat Seeded in Montana
3. Utilization of Wheat for Feed, Seed, and Flour
4. Stocks of Wheat by Major Class
5. Transportation of Grain by mode of transportation and destination

Initiation and completion of these projects are accomplished through cooperative work between the Montana Crop and Livestock Service (Agricultural Statistics program), the Montana Wheat Research and Marketing Committee and the Marketing and Statistical Unit Coordinator.

Performance Indicators:

	<u>FY 1971-72</u>	<u>FY 1970-71</u>	<u>FY 1969-70</u>
Cost:	\$17,598	\$ 9,478	\$ 4,769
<u>Factor</u>			
Market Research Projects	15	9	4
Publications	10	5	3
Special Market Development projects	3		

PROGRAM - PESTICIDE CONTROL

Goal:

To control the useage and sale of pesticides for the protection of Montana's citizens and their environment, while continuing to provide for a profitable and sufficient production of quality foods.

Objectives:

Establish a management system to implement the requirements of the Montana Pesticides Act of 1971.

Develop the management program to meet the requirements and recommendations established by Executive Reorganization and the Legislative Auditor.

Develop a system for registering 3000 anticipated pesticide products sold in Montana.

Develop a system for licensing an anticipated 120 commercial and government applicators, 100 dealers and 1400 retailers.

Developing a study guide, various types of examinations and hold examinations for all pesticide applicators and dealers to determine qualifications prior to licensing.

Begin developing programs in the areas of pesticide accidents, environmental protection, inspectional services, disposal and education.

Achievements:

The overall achievement this first year of the pesticide program involved establishing the necessary management procedures for implementing the Montana Pesticides Act. These activities ranged from hiring a staff to development of forms and licenses for registrations, applicators, dealers and retailers and implementation of general administrative procedures.

The collection of registration and licensing fees was implemented in accordance with the requirements of Executive Reorganization and the Legislative Auditor.

Development of a study guide and examination for dealers and the numerous types of applicators was a significant accomplishment which provides the means to evaluate their academic and practical knowledge of pesticides, their useage and safety.

Examination sessions for applicators and dealers were held in nineteen different locations with a total of forty sessions held.

Initiation of a program with Cooperative Extension Service to improve the study guide and examinations and develop future training for applicators, dealers, and agriculturists.

One major achievement not anticipated under objectives was the development of a short and long-term rodent and rabid skunk control program in Montana. In cooperation with the Department of Livestock rodent baits were obtained for the Montana farmers and ranchers to control rodents, economically effecting them. An advisory committee was appointed by the Governor within the Department for developing a long-range rodent and rabid skunk control program.

Other accomplishments included:

Investigation of 6 possible pesticide poisonings or environment incidents.

Develop and implementation of a service of process program making out-of-state licensed persons subject to Montana courts.

Initiation of programs in the areas of developing a pesticide library, investigation of human poisonings and environmental contamination incidents, and establishing procedures for the storage and disposal of pesticides.

Establishment of cooperative pesticide programs with several Federal agencies.

Performance Indicators:

The benefits to Montana citizens and to licensed parties is difficult to quantify with only one-year's experience. The primary benefit was to the department in determining through experience what objectives and priorities for future years should be initiated to protect Montana citizens from any adverse effects of pesticides. The following items will illustrate the work load and priorities in the coming years.

<u>Factor</u>	ORIGINAL ANTICIPATED WORKLOAD	ACTUAL ACCOMPLISHED FY 71-72 ¹
Pesticide Registrations	3000	1525
Commercial Applicators	120	427
Government Applicators	-	147
Dealers	100	280
Government Dealers	-	20
Retailers	1400	745

<u>Factor</u>	ORIGINAL ANTICIPATED WORKLOAD	ACTUAL ACCOMPLISHED FY 71-72 ¹
Study Guide Disseminated	220	1800
Examinations given	220	874
Fees collected		
(Registration & Licensing)	\$ 45,000	\$ 29,770

Since this is a newly created department, there are no figures for the fiscal year 1970-1971.

¹F.Y. 71-72 - Actual program October 1, 1971 to June 30, 1972.

PROGRAM - WHEAT RESEARCH AND MARKETING

Goal:

Encourage and promote intensive, scientific, and practical research into all phases of wheat culture and production, marketing and use.

Objectives:

Continue to support wheat research at Montana State University.

Provide information to wheat farmers in Montana relative to wheat crop, sales, use and markets.

Assist in developing both foreign and domestic markets.

Continue efforts to establish adequate transportation at equitable rates for Montana grain.

Achievements:

The division was active in assisting to obtain a freight rate reduction on wheat shipped from northeast Montana to Minneapolis - St. Paul and Duluth - Superior. The impact of the freight rate reduction was an immediate increase in the price of wheat in that area.

The division hosted five separate foreign trade teams and individuals representing purchasing firms during the fiscal year. These activities aided materially in establishing the factual information on size and quality of Montana's wheat crop.

Wide distribution of the annual crop quality report was made to both domestic and foreign wheat buyers. This report provides reliable information of grade, protein and grading factors of the current wheat crop.

The division supported wheat research projects at Montana State University. Projects supported were:

Developing a more reliable soils test.

Improving wheat varieties for all Montana areas.

Control of wheat diseases such as rust, root rots and Septoria.

Testing procedures on milling and baking qualities of Montana wheats.

Improving water utilization through various cropping sequences.

Wheat producers were kept informed of the division's activities through a newsletter, news stories to media, and appearances at wheat grower meeting.

Wheat Day was observed at the State Fair in Great Falls. A 4-H Scholarship of \$150.00 was provided the Montana 4-H Foundation. A State "Day of Bread" was observed. The division cooperated with the Montana Cooperative Extension Service in providing wheat nutrition information. The efforts of the Wheat and Wheat Foods Foundation were continued.

Cooperative efforts involved all of Montana's major general farm organizations, commodity groups, grain merchandising officials, Agricultural Stabilization and Conservation Service, U. S. Congress members and representatives of the State and Federal administrations.

The division again cooperated with the Cooperative Extension Service in co-sponsoring a traveling marketing seminar to the Pacific Northwest to observe export operations.

Performance Indicators:

<u>Factor</u>	<u>FY 1971-72</u>	<u>FY 1970-71</u>	<u>FY 1969-70</u>
Expenditures			
Administration	\$33,759	\$28,365	\$27,241
Marketing Projects	\$51,114	\$18,077	\$23,381
Production Research	\$77,125	\$45,554	\$41,509
Transportation Projects	\$ 1,358	\$ 5,098	\$10,620
Education and Information	\$13,880	\$11,689	\$15,337
Refunds	\$ 5,841	*	*

*Grower refund provision not applicable

PROGRAM COST SUMMARY

	<u>FY 1971-72</u>	<u>FY 1970-71</u>	<u>Increase (Decrease)</u>
Centralized Services	91,907	85,949	5,958 <u>1/</u>
Rural Rehabilitation	144,719	128,090	16,629 <u>2/</u>
Agricultural Statistics	33,845	26,292	7,553
Pesticide	34,735	-0-	34,735 <u>3/</u>
Commercial Feed & Fertilizer	94,027	77,979	16,048 <u>4/</u>
Horticulture	129,939	147,114	(17,175)
Wheat Research & Marketing	179,366	108,783	70,583 <u>5/</u>
Marketing & Statistical Unit	17,598	9,478	8,120
Grain Services	203,257	217,576	(14,319)
Apiculture	<u>4,051</u>	<u>-0-</u>	<u>4,051</u> <u>6/</u>
TOTAL PROGRAMS	<u>\$933,444</u>	<u>\$801,261</u>	<u>\$132,183</u>
Personal Services	499,006	486,159	12,847
Operating Expenses	141,901	111,808	30,093
Equipment	24,175	11,833	12,342
Grants	262,520	191,461	71,059
Refunds	5,842	-0-	5,842 <u>7/</u>
TOTAL BY CATEGORY	<u>\$933,444</u>	<u>\$801,261</u>	<u>\$132,183</u>
General Fund	298,716	262,538	36,178
Earmarked Revenue	297,284	295,555	1,729
Federal & Private Revenue U.S. Marketing	7,478	6,295	1,183
Federal & Private Grant Clearance	144,719	128,090	16,629
Revolving Fund	<u>185,247</u>	<u>108,783</u>	<u>76,464</u>
TOTAL FUNDING	<u>\$933,444</u>	<u>\$801,261</u>	<u>\$132,183</u>

1/ Includes \$6,700 Program Transfer to Weights & Measures.

2/ Increase purchase of FHA Approved Notes.

3/ New Program established through Legislation started October, 1971.

4/ Includes \$8,065 encumbrances carried over from 1971.

5/ Increase in grants for Research purposes.

6/ New Program established by Reorganization.

7/ Refund system established through legislation for assessments
 for Wheat Research.

